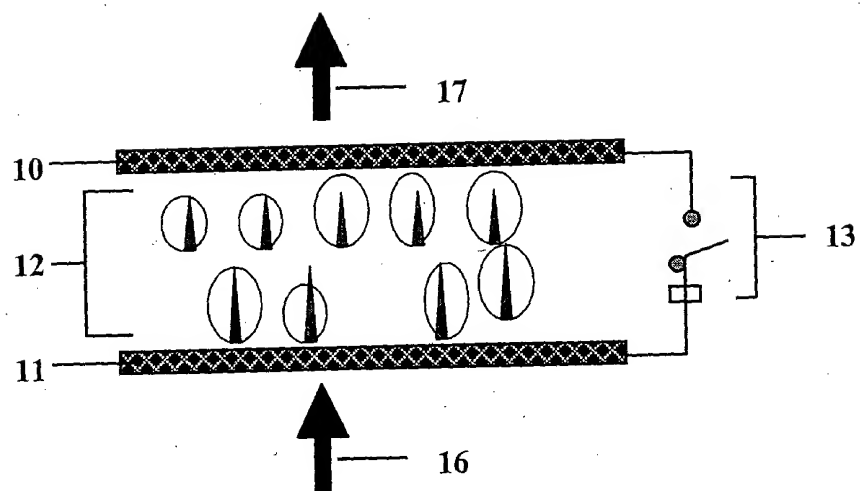


Off State
Scatters Light, White

FIG. 1a



On State
Transparent, Clear

FIG. 1b

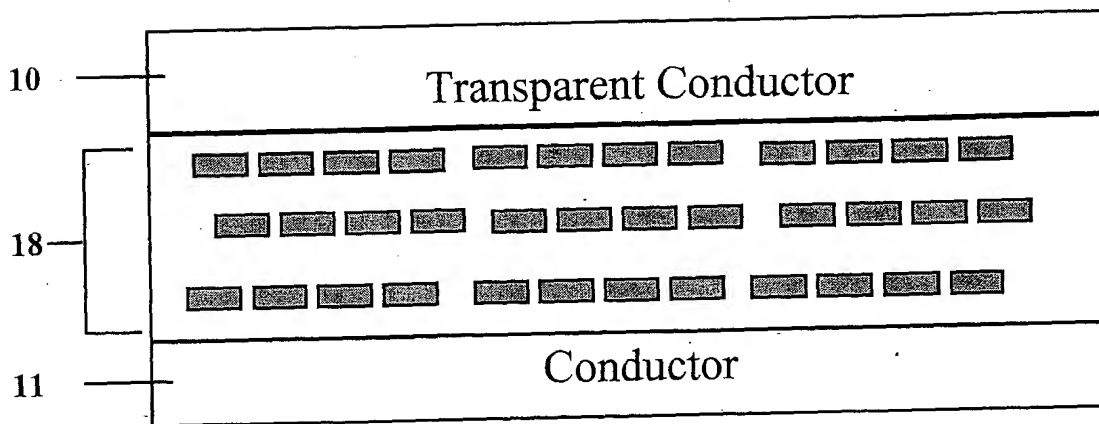


FIG. 1c

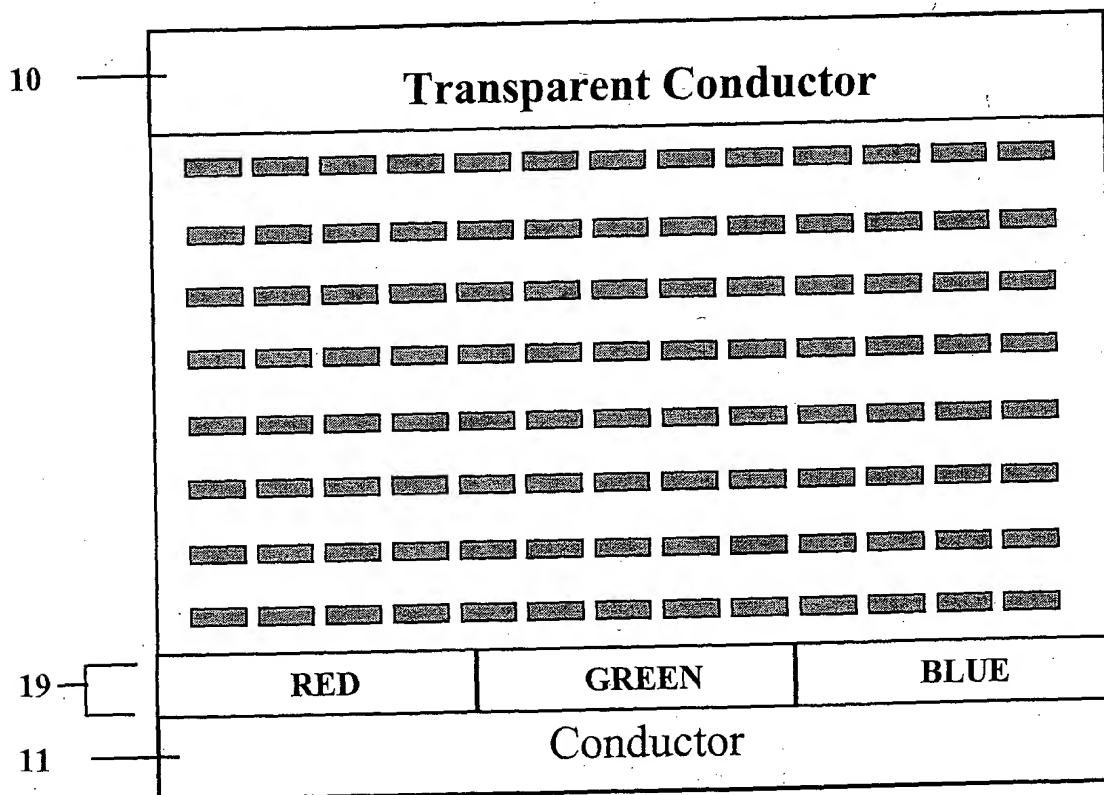


FIG. 1d

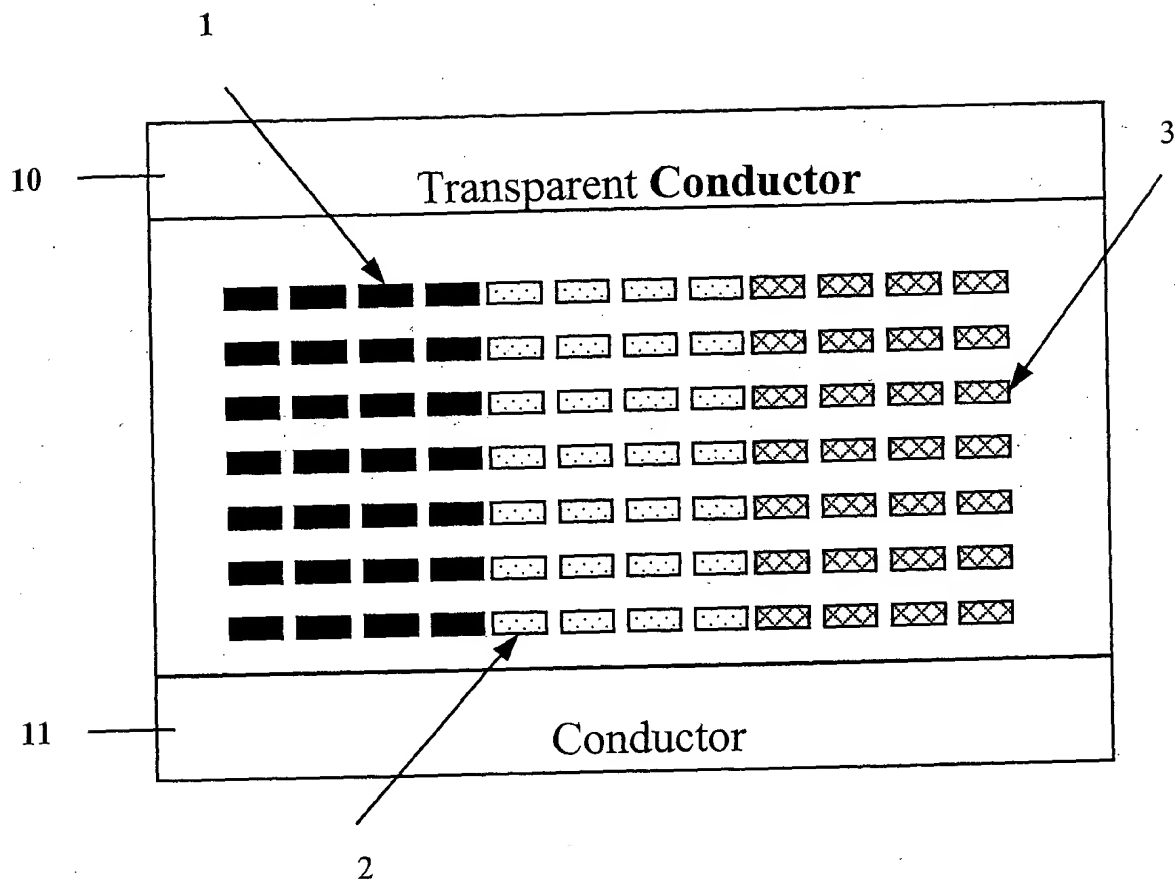


FIG. 1e

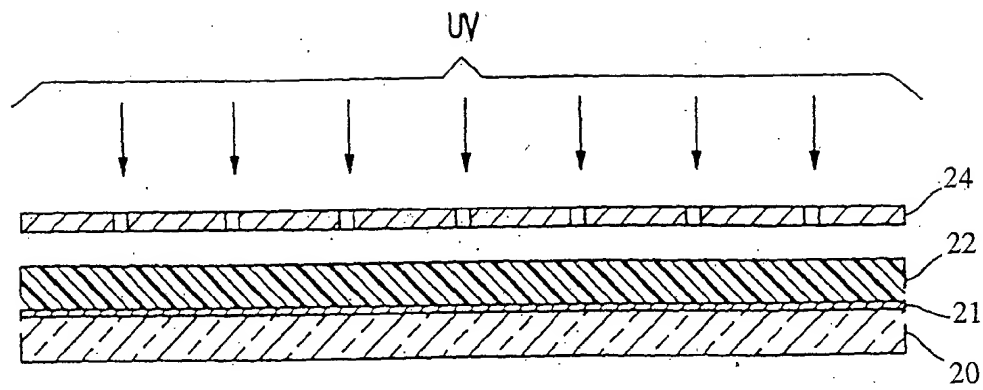


FIG. 2a

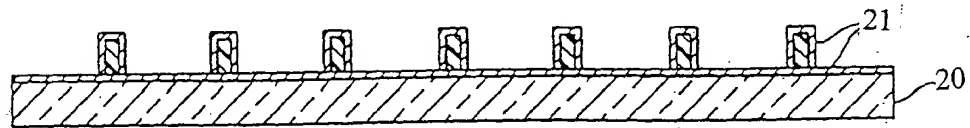


FIG. 2b

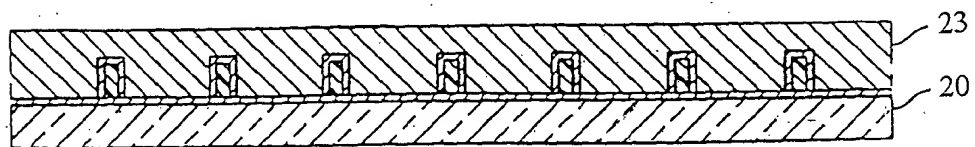


FIG. 2c

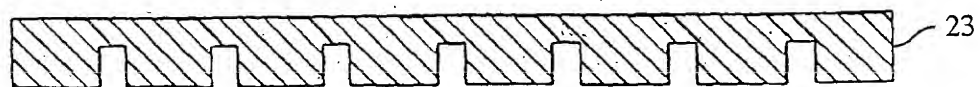


FIG. 2d

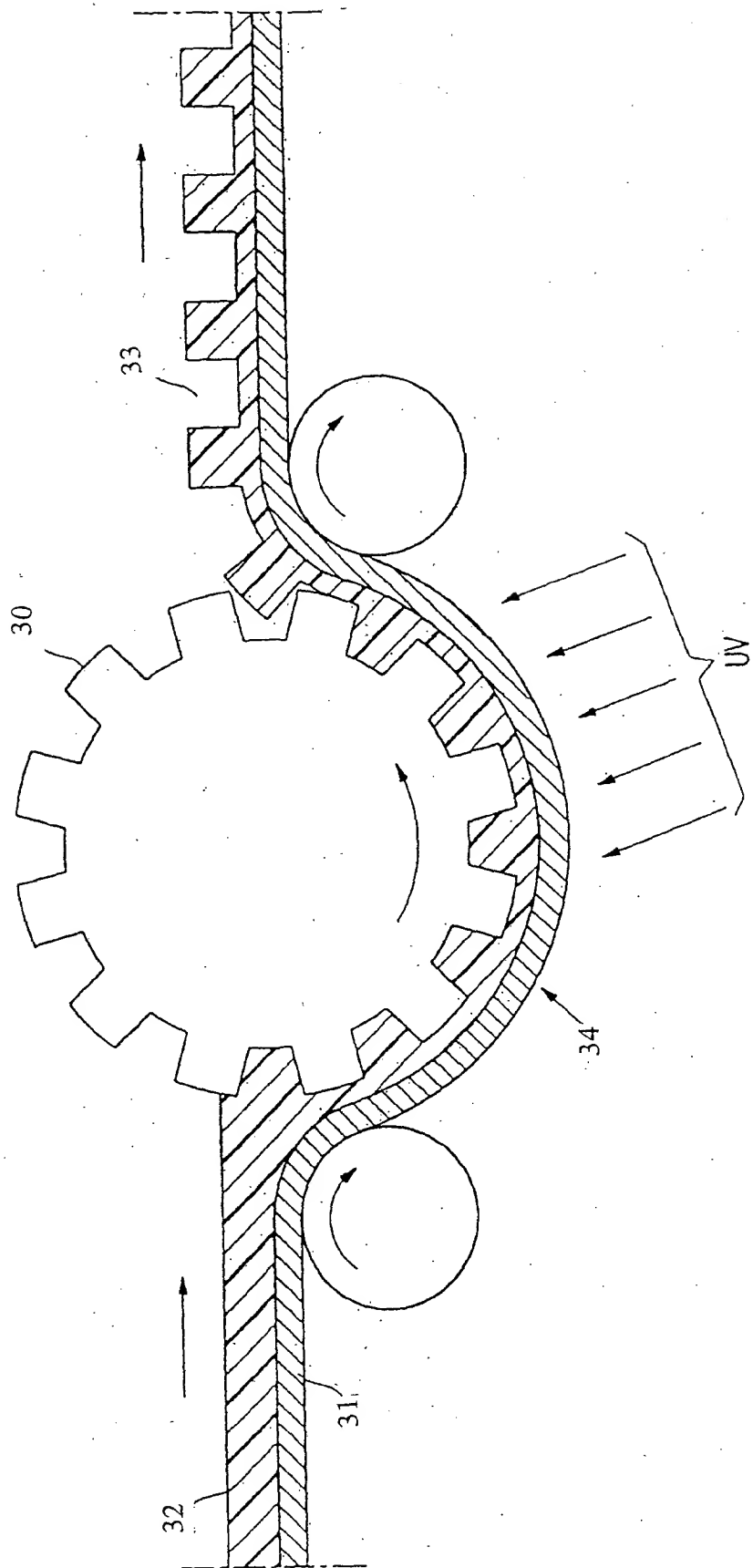


FIG. 3a

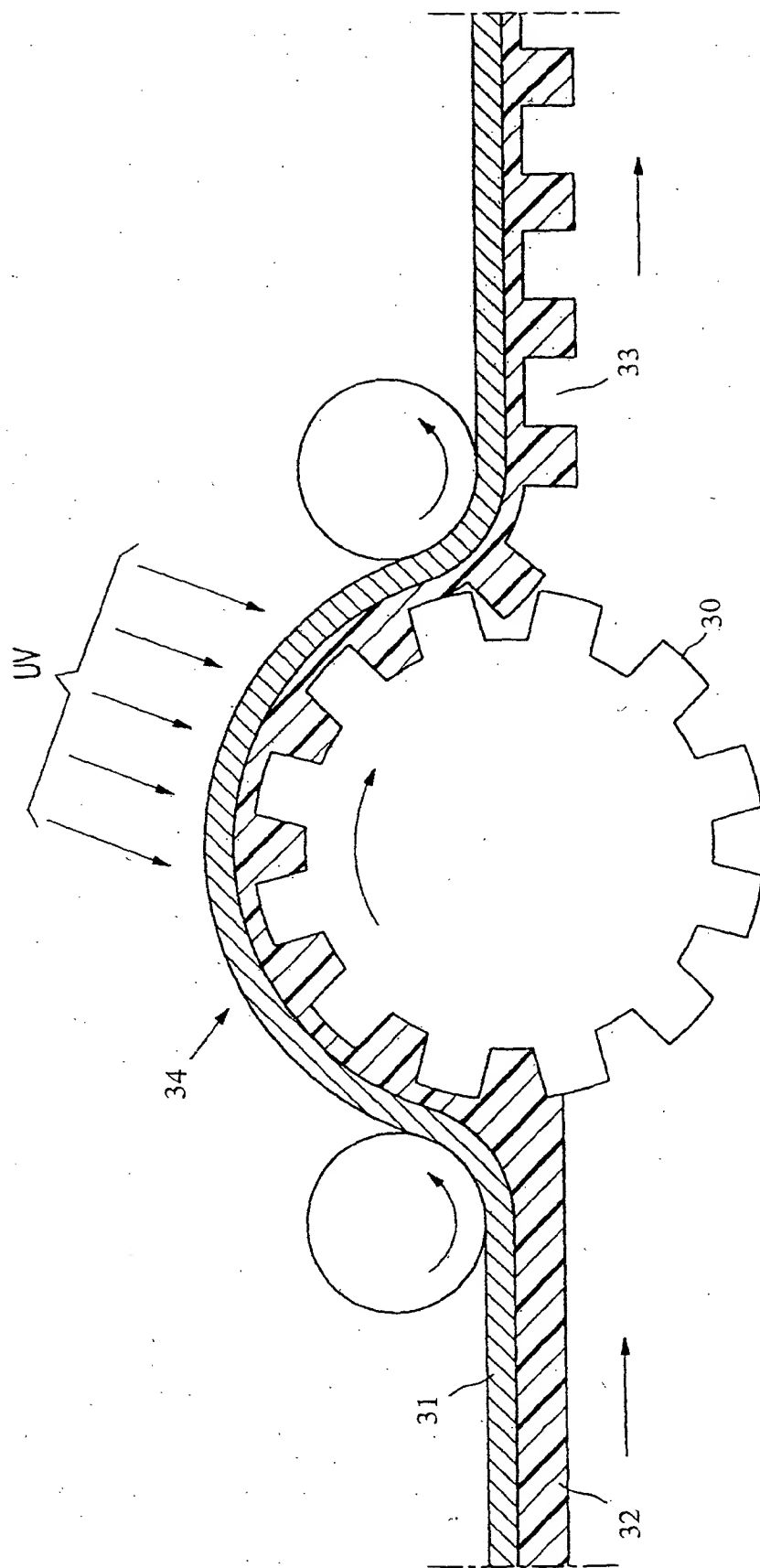


FIG. 3b

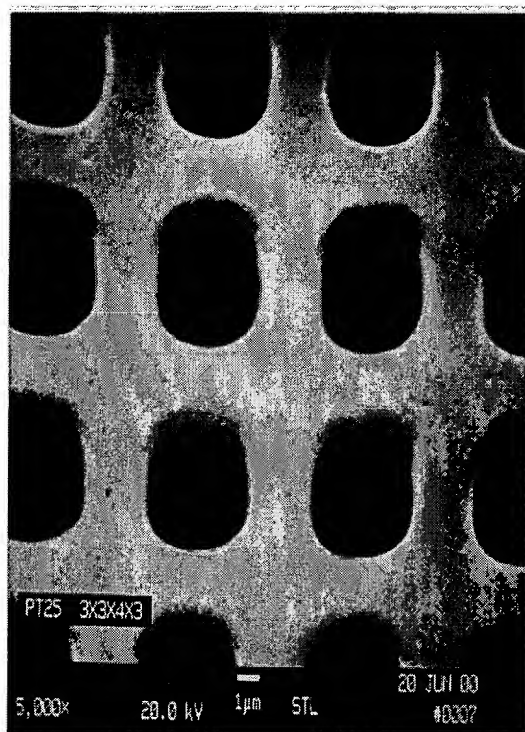


FIG. 4a

SEM Micrograph of Microcups
4.3 x 4.3 x 4.4 x 2.4 μ m (5000x)
(L x W x D x Wall)
Opening Area 41%

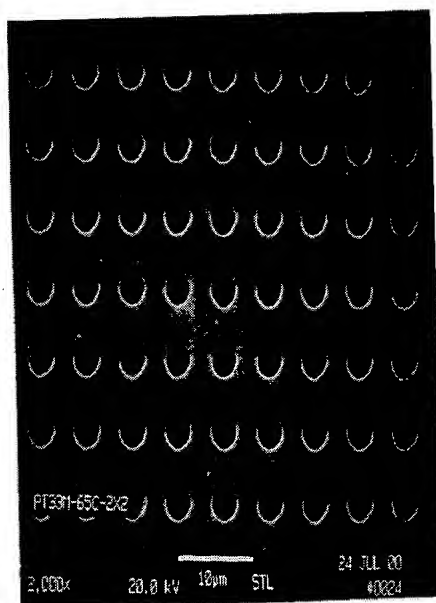


FIG. 4b

SEM Micrograph of Microcups
3.5 x 3.5 x 3.5 x 2.5 μ m (2000x)
(L x W x D x Wall)
Opening Area 34%

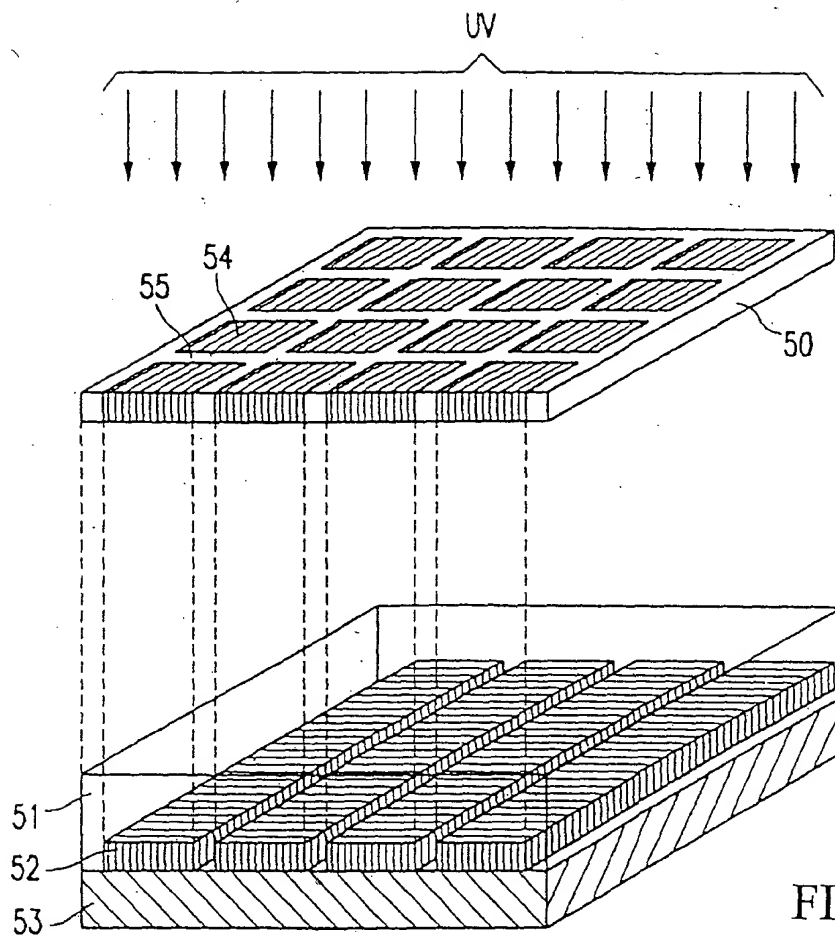


FIG. 5a1

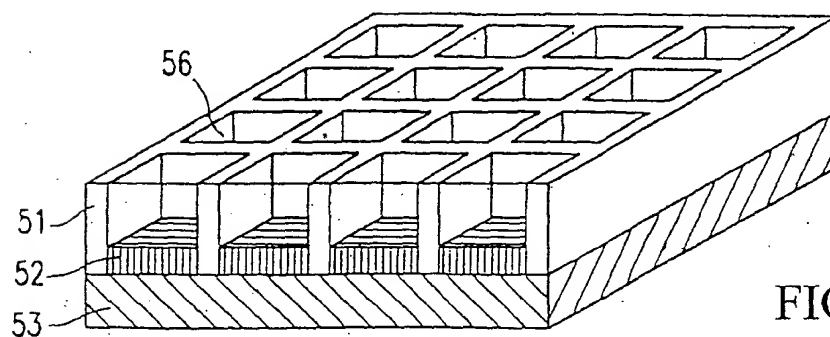
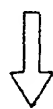


FIG. 5a2

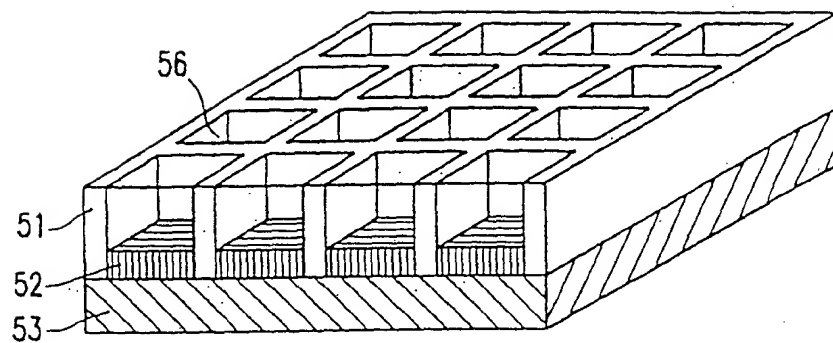


FIG. 5b2

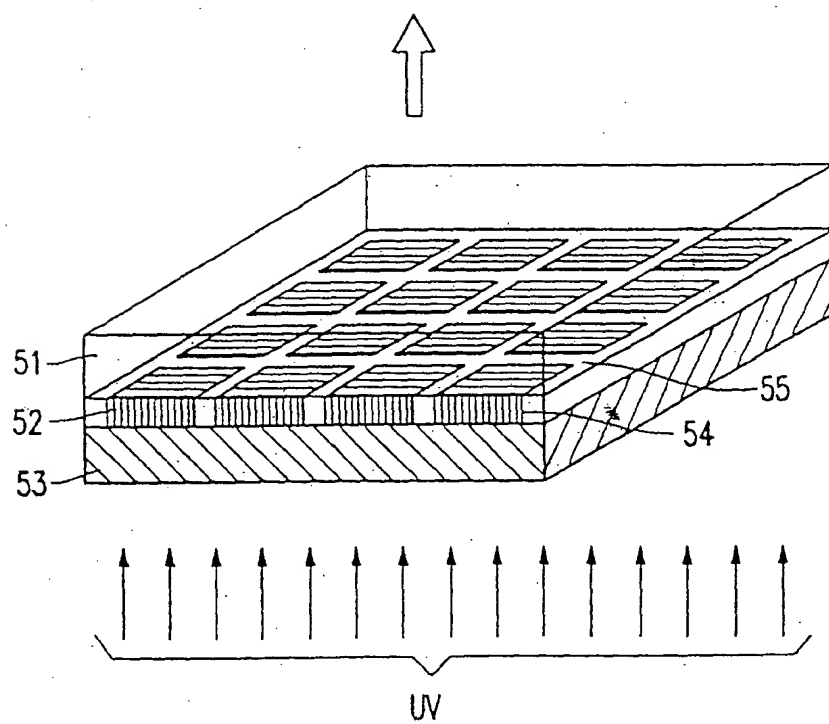


FIG. 5b1

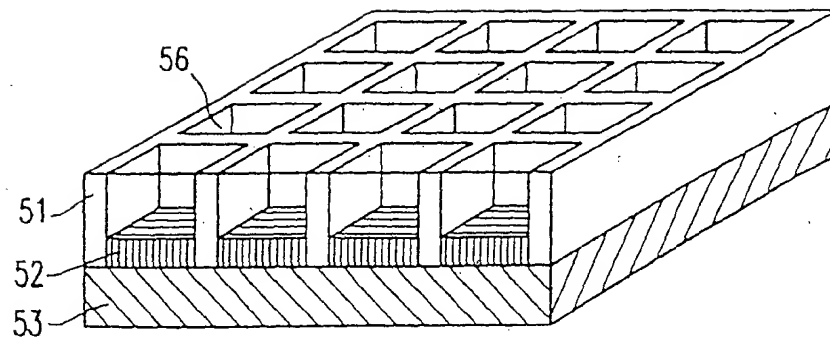


FIG. 5c2

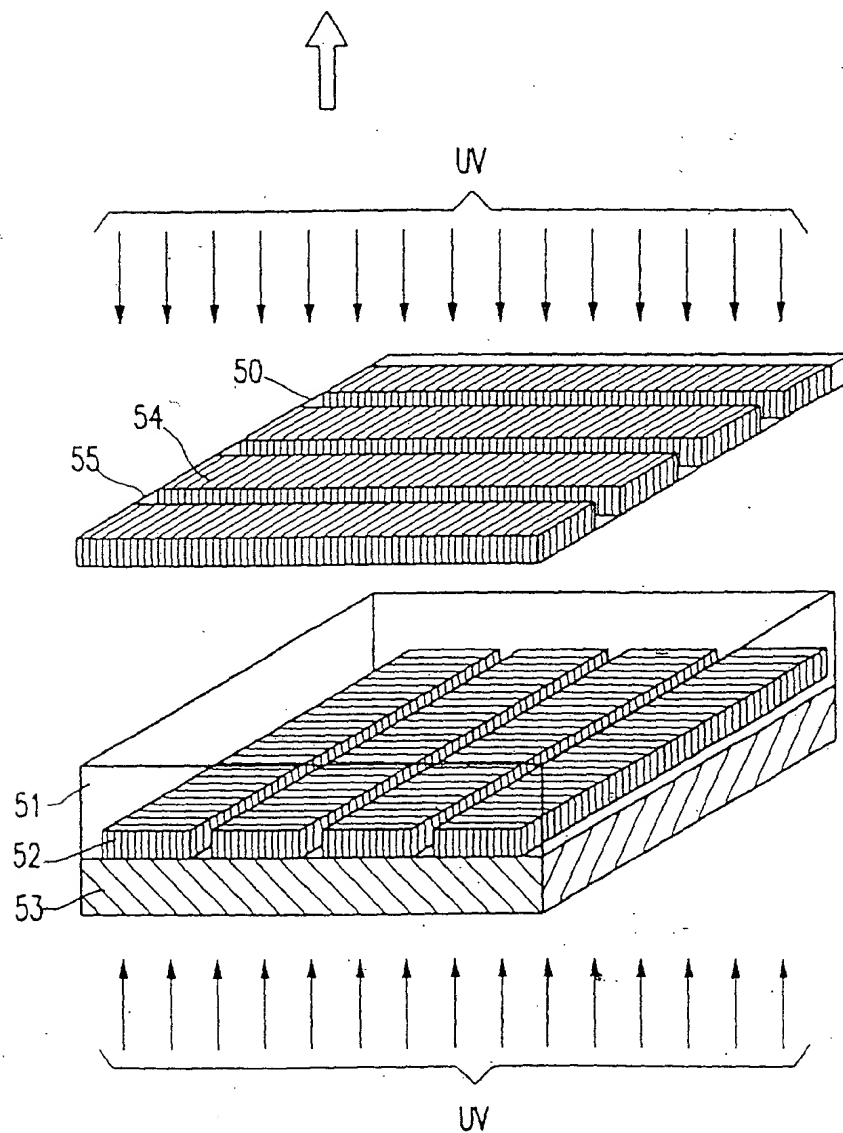


FIG. 5c1

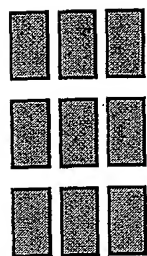


FIG. 6a

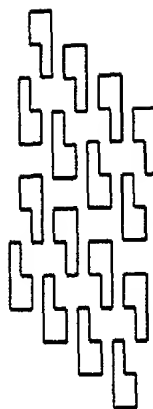


FIG. 6b

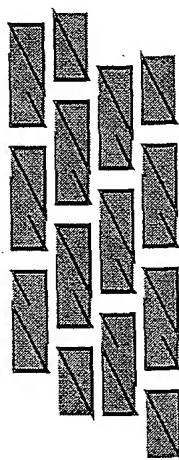


FIG. 6c

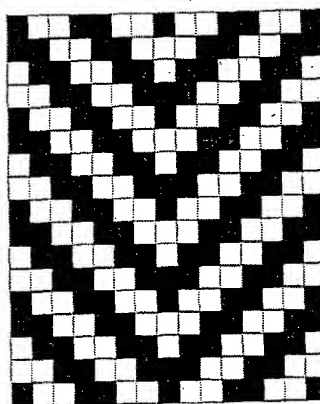


FIG. 6d

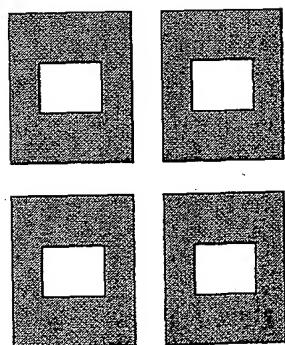


FIG. 6e

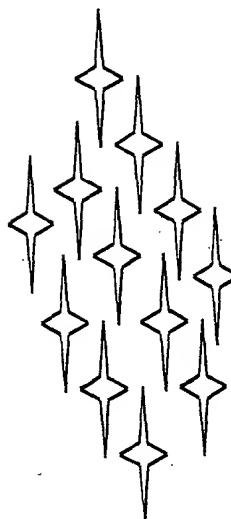


FIG. 6f

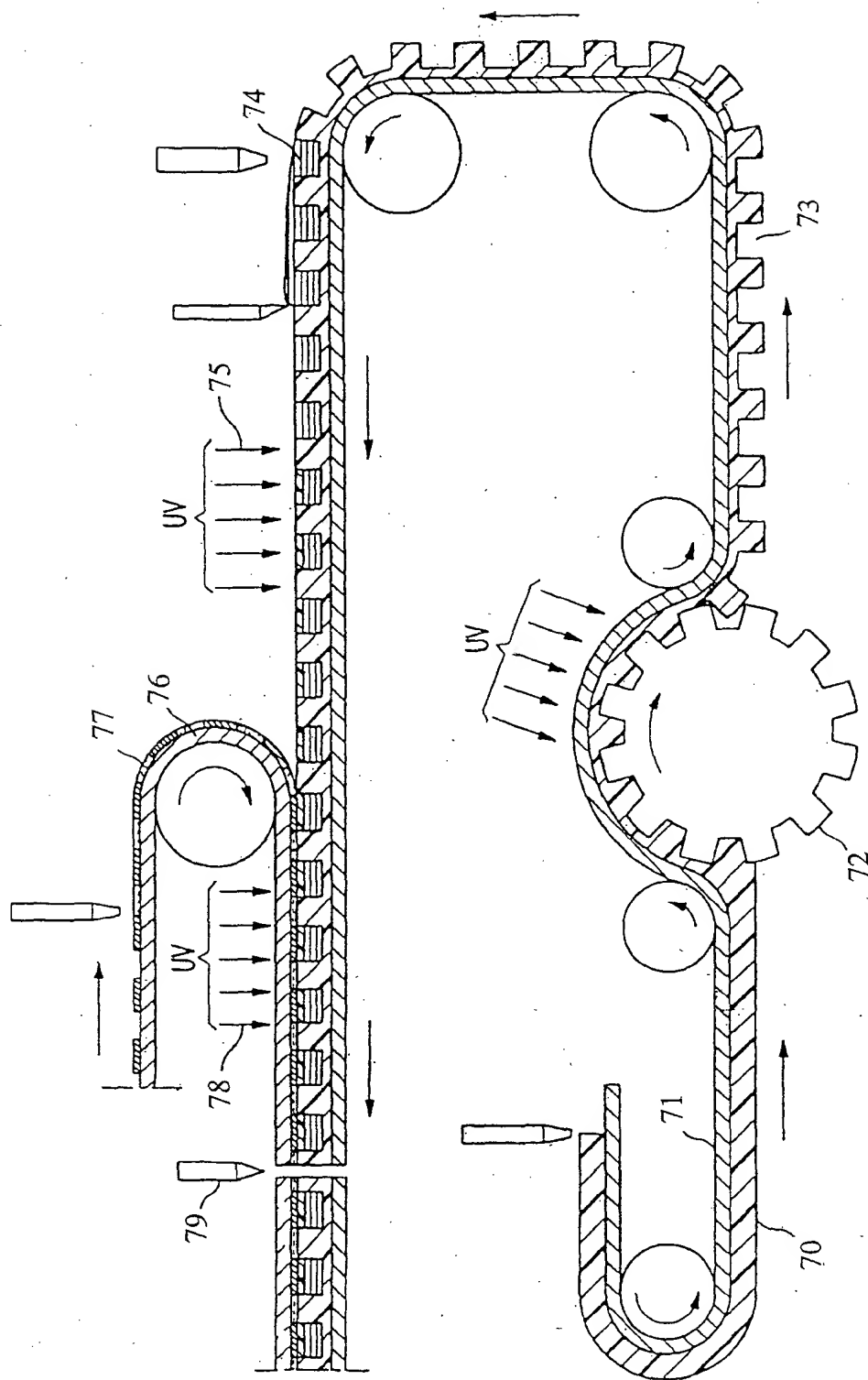


FIG. 7

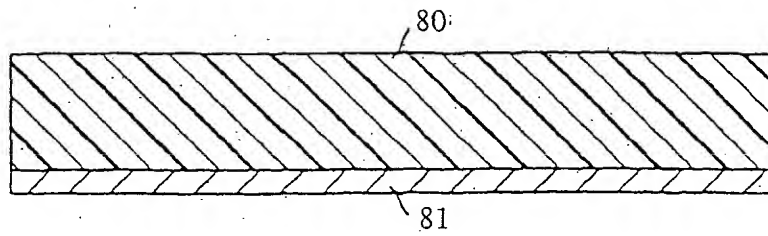


FIG. 8a

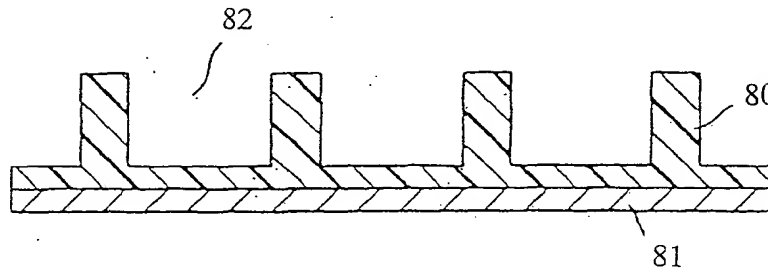


FIG. 8b

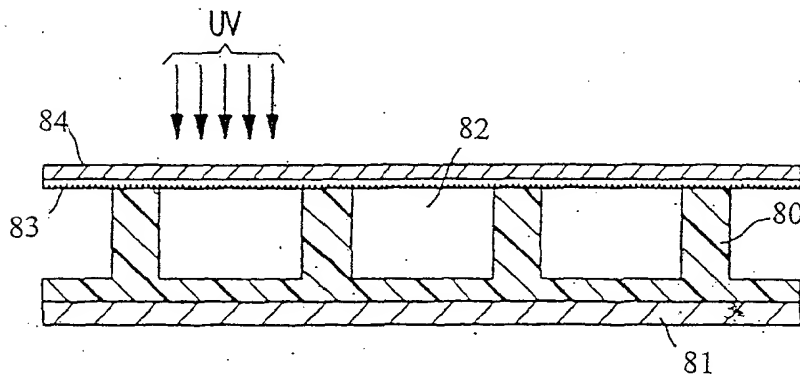


FIG. 8c

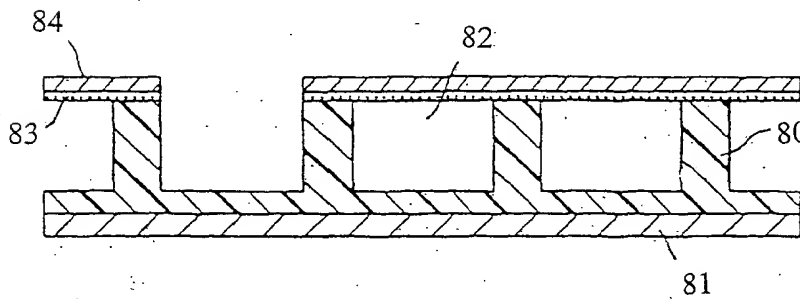


FIG. 8d

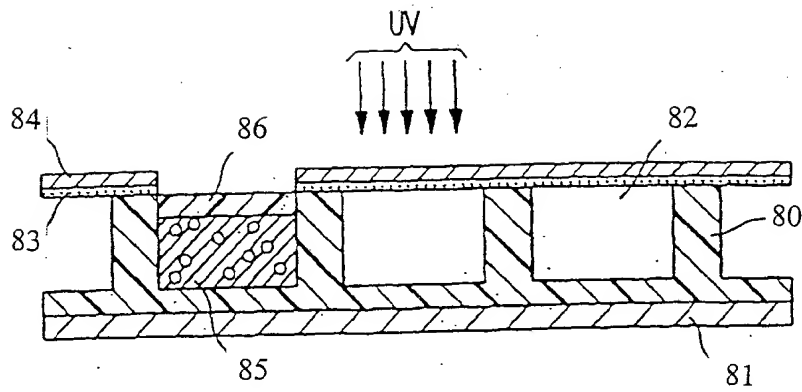


FIG. 8e

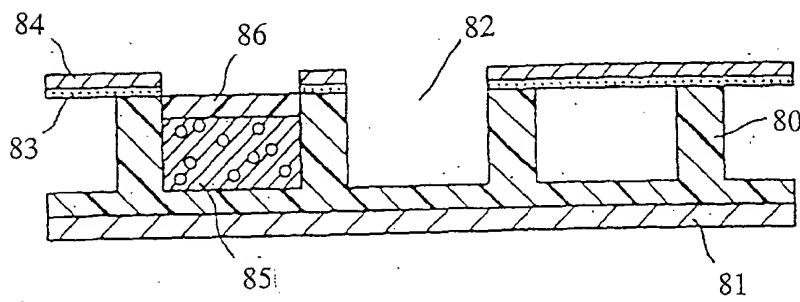


FIG. 8f

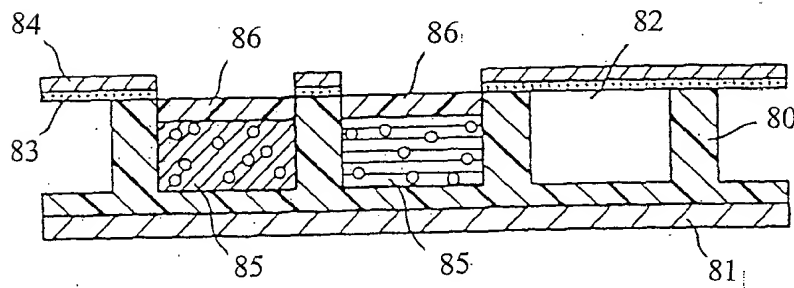


FIG. 8g

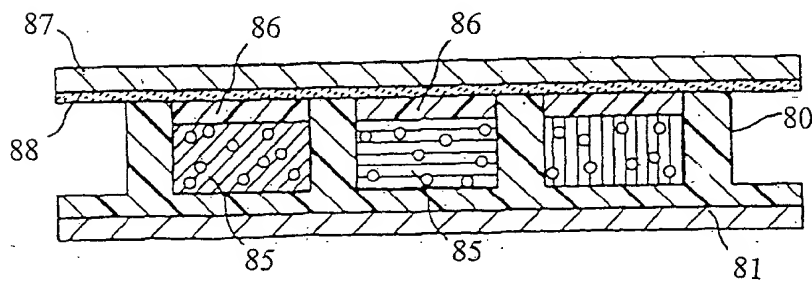


FIG. 8h

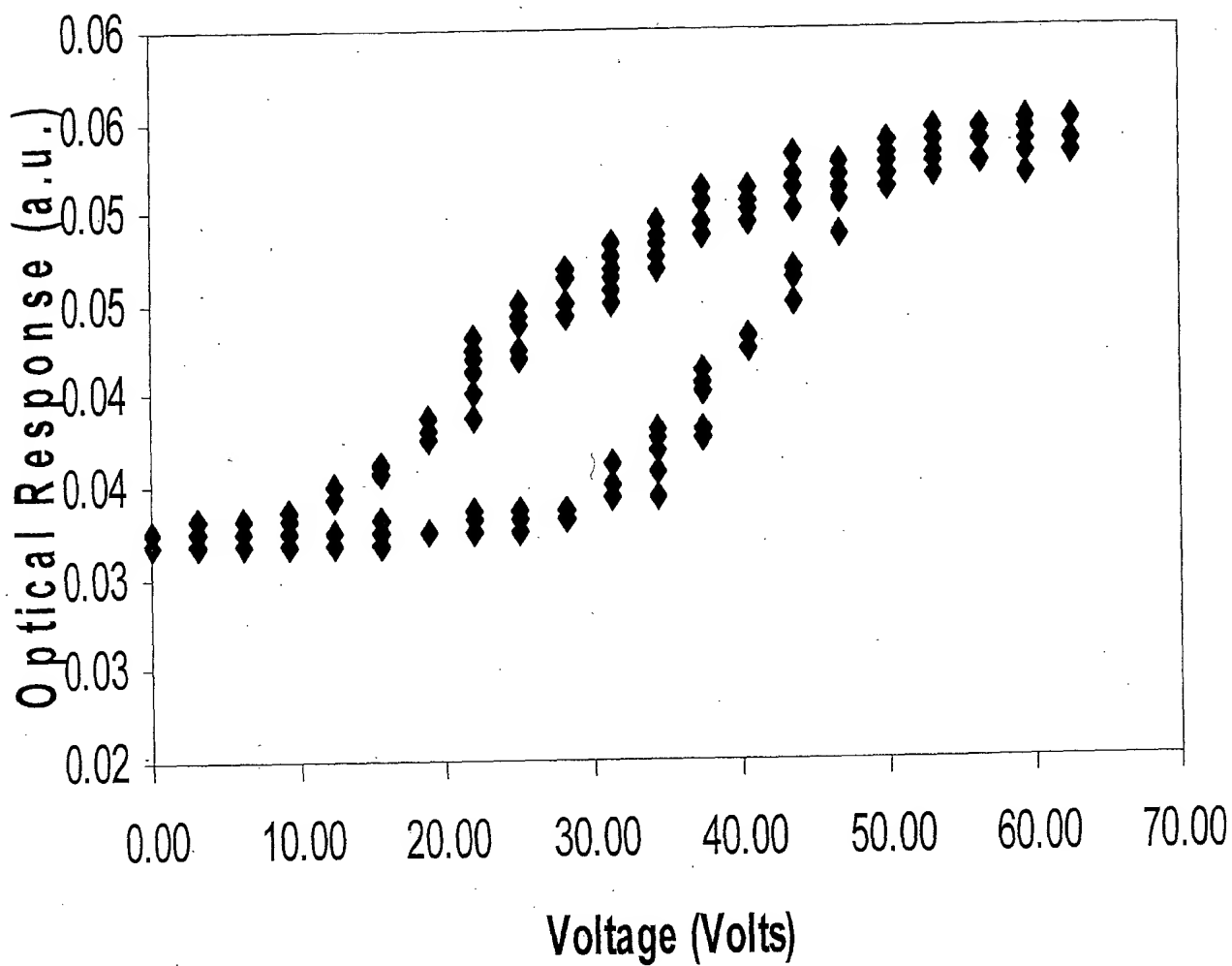


FIG. 9a
Hysteresis Curve of Conventional PDLC

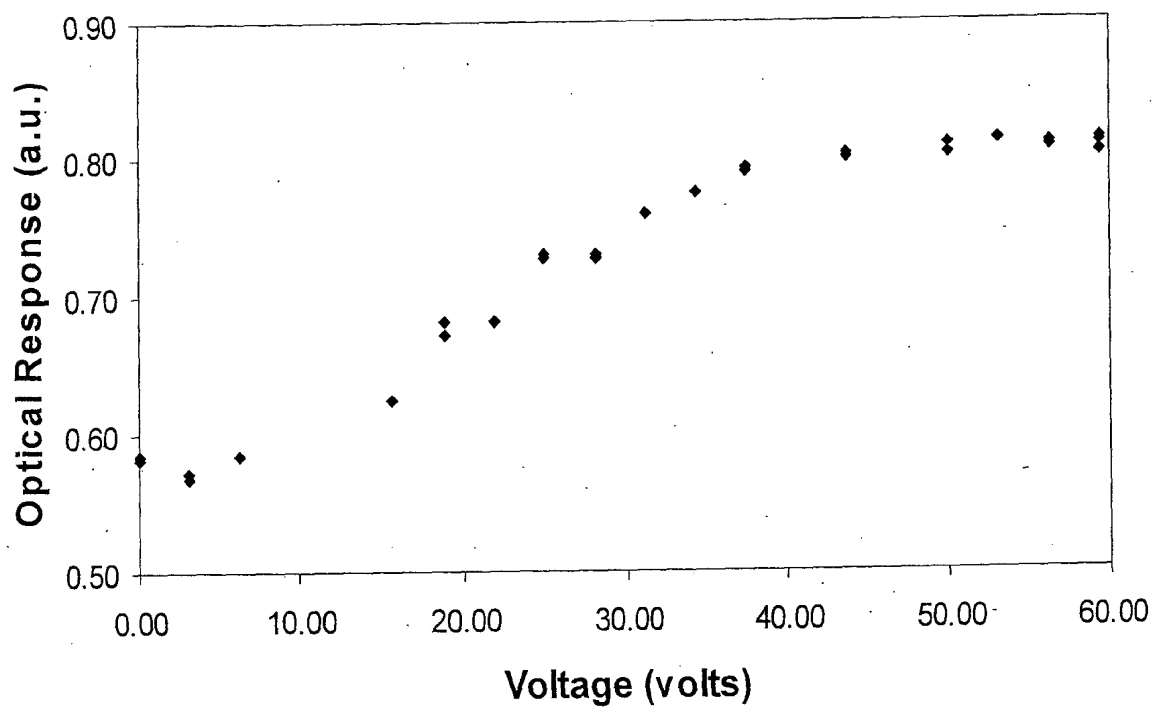


FIG. 9b

Hysteresis Curve of a LCD of the Current Invention